

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 00/07807

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/53 C12N15/82 C12N9/02 C12N1/21 A01H5/00
C07D311/72 C12P17/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N A01H C07D C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, STRAND, WPI Data, PAJ, CHEM ABS Data, BIOSIS, MEDLINE, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 04021 A (SEULBERGER HARALD ; BASF AG (DE); LERCHL JENS (DE); FALK JON (DE);) 28 January 1999 (1999-01-28) the whole document	1,3-5,7, 8,10-18
X	WO 98 04685 A (HIRAYAMA LYNNE MIYO ; SINGH BIJAY (US); BASCOMB NEWELL (US); STURNE) 5 February 1998 (1998-02-05) the whole document	1,5,7,8, 10,11
P,X	FR 2 778 527 A (RHONE POULENC AGROCHIMIE) 19 November 1999 (1999-11-19) the whole document	1,3-5,7, 8,10-18
P,X	WO 00 08169 A (EBNETH MARCUS ; HERBERS KARIN (DE); REINDL ANDREAS (DE); SUNGENE GM) 17 February 2000 (2000-02-17) the whole document	1,3-5,7, 8,10-18
-/-		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

12 March 2001

Date of mailing of the international search report

23/03/2001

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PCT/EP 00/07807

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DENOYA C D ET AL: "A STREPTOMYCES AVERMITILIS GENE ENCODING A 4-HYDROXYPHENYLPYRUVIC ACID DIOXYGENASE-LIKE PROTEIN THAT DIRECTS THE PRODUCTION OF HOMOGENTISIC ACID AND AN OCHRONOTIC PIGMENT IN ESCHERICHIA COLI" JOURNAL OF BACTERIOLOGY,US,WASHINGTON, DC, vol. 176, no. 17, 1 September 1994 (1994-09-01), pages 5312-5319, XP002028042 ISSN: 0021-9193 the whole document</p>	
A	<p>DATABASE EMBL 'Online! Acc no. U80668, 6 January 1999 (1999-01-06) SCHMIDT S.R. ET AL.: "Arabidopsis thaliana homogentisate 1,2-dioxygenase mRNA, complete cds" XP002162586 HGD Sequenz & NEWMAN T ET AL: "GENES GALORE: A SUMMARY OF METHODS FOR ACCESSING RESULTS FROM LARGE-SCALE PARTIAL SEQUENCING OF ANONYMOUS ARABIDOPSIS CDNA CLONES" PLANT PHYSIOLOGY,US,AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS, ROCKVILLE, MD, vol. 106, 1994, pages 1241-1255, XP000571449</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 00/07807

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9904021	A	28-01-1999	DE 19730066 A AU 8216998 A BR 9811006 A CN 1270636 T EP 1009841 A	21-01-1999 10-02-1999 22-08-2000 18-10-2000 21-06-2000
WO 9804685	A	05-02-1998	AU 4231197 A BG 103206 A CN 1238008 A CZ 9900226 A EP 0938546 A HU 0000053 A JP 2001500005 T NO 990296 A PL 331346 A SK 10199 A TR 9900200 T TR 9900776 T US 6118050 A	20-02-1998 30-06-2000 08-12-1999 11-08-1999 01-09-1999 28-05-2000 09-01-2001 16-02-1999 05-07-1999 08-10-1999 21-04-1999 21-06-1999 12-09-2000
FR 2778527	A	19-11-1999	NONE	
WO 0008169	A	17-02-2000	DE 19835219 A DE 19845216 A DE 19845231 A DE 19845224 A AU 5415799 A	10-02-2000 06-04-2000 06-04-2000 06-04-2000 28-02-2000